

ATTORNEY DOCKET NO. 01173.0003U3
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)	
)	
CHAIT et al.)	Art Unit: Unassigned
)	
Application No. 10/825,568)	Examiner: Unassigned
)	
Filing Date: April 14, 2004)	Confirmation No. Unassigned
)	
For: ULTRA-SENSITIVE DETECTION)	
SYSTEMS)	

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

NEEDLE & ROSENBERG, P.C.
Customer Number 23859

Sir:

Pursuant to the requirements of 37 C.F.R. § 1.56, submitted herewith on the accompanying Form PTO 1449 is a listing of documents known to Applicants and/or their attorneys. Some of the documents cited were cited by or submitted to the Patent Office in Application No. 09/929,266, filed August 13, 2001, to which the present application claims priority. These documents are indicated by an asterisk on the Form PTO 1449. Pursuant to 37 C.F.R. § 1.98(d), copies of these documents are not enclosed. Further, because the above-identified application was either filed or entered the national stage under 35 USC 371 after June 30, 2003, copies of each cited U.S. patent and each U.S. patent application publication listed are not enclosed pursuant to 1273 OG 1.

ATTORNEY DOCKET NO. 01173.0003U3
Application No. 10/825,568

In accordance with the provisions of M.P.E.P. § 2001.06(b) and 37 C.F.R. § 1.98(b)(3), Applicants would like to bring to the attention of the Examiner the existence of the co-pending patent application(s) identified below, which were filed in the United States Patent and Trademark Office:

	<u>Application No.</u>	<u>Date Filed</u>	<u>Inventors</u>	<u>Attorney Docket No.</u>
1.	09/568,236	May 5, 2000	Lizardi <i>et al.</i>	01173.0017U2
2.	09/850,539	May 7, 2001	Lizardi <i>et al.</i>	01173.0002U2
3.	09/929,266	August 13, 2001	Chait <i>et al.</i>	01173.0003U2 ✓
4.	10/289,118	November 5, 2002	Lizardi <i>et al.</i>	01173.0008U2 ✓

Copies of Application Nos. 09/568,236 and 09/850,539 were submitted to the Patent Office in priority Application No. 09/929,266 filed August 13, 2001. Pursuant to 37 C.F.R. § 1.98(d), a copy of these application specifications are not enclosed. A copy of the applications specifications of Application Nos. 09/929,266 and 10/289,118 are enclosed.

This Information Disclosure Statement is believed to be filed in a timely manner pursuant to 37 C.F.R. § 1.97(b)(3), in that a first Office Action on the merits of the present patent application has not yet been mailed to Applicants.

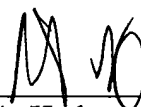
Consideration of the cited documents and making the same of record in the prosecution of the above-referenced application are respectfully requested.

ATTORNEY DOCKET NO. 01173.0003U3
Application No. 10/825,568

No fee is believed due; however, the Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-0629.

Respectfully submitted,

NEEDLE & ROSENBERG, P.C.

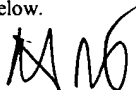


Robert A. Hodges
Registration No. 41,074

NEEDLE & ROSENBERG, P.C.
Customer Number 23859
(678) 420-9300
(678) 420-9301 (fax)

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence, including any items indicated as attached or included, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.



Robert A. Hodges

7/9/2004

Date

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF INFORMATION CITED BY APPLICANT (Use as many sheets as necessary)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: right; font-weight: normal;">Complete if Known</th> </tr> <tr> <td style="width: 50%;">Application Number</td> <td>10/825,568</td> </tr> <tr> <td>Filing Date</td> <td>April 14, 2004</td> </tr> <tr> <td>First Named Inventor</td> <td>Chait et al.</td> </tr> <tr> <td>Group Art Unit</td> <td>Unassigned</td> </tr> <tr> <td>Examiner Name</td> <td>Unassigned</td> </tr> </table>	Complete if Known		Application Number	10/825,568	Filing Date	April 14, 2004	First Named Inventor	Chait et al.	Group Art Unit	Unassigned	Examiner Name	Unassigned
Complete if Known													
Application Number	10/825,568												
Filing Date	April 14, 2004												
First Named Inventor	Chait et al.												
Group Art Unit	Unassigned												
Examiner Name	Unassigned												

U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	Document No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
	A1	2003/0200032	03/03/03	Keating	702	019	
	A2	2003/0194717	02/13/03	Schmidt <i>et al.</i>	435	006	
	A3	2002/0192720	04/04/03	Mitchell	175	325.5	
	A4	2003/0175844	12/20/02	Nadler	435	023	
	A5	2003/0124595	11/05/02	Lizardi <i>et al.</i>	435	006	
	A6	2002/0106648	11/05/02	Lancinia	160	041	
	A7	2003/0045694	03/06/03	Chait <i>et al.</i>			
	*A8	2003/0022225	01/30/03	Monforte <i>et al.</i>	435	6	
	A9	2004/0018565	07/16/03	Schmidt <i>et al.</i>	435	007.1	
	*A10	4,086,254	04/25/78	Wierenga			
	*A11	4,868,116	09/19/89	Morgan <i>et al.</i>			
	*A12	4,980,286	12/25/90	Morgan <i>et al.</i>			
	*A13	5,429,807	07/04/95	Matson <i>et al.</i>			
	*A14	5,599,695	02/04/97	Pease <i>et al.</i>			
	*A15	5,654,413	08/05/97	Brenner <i>et al.</i>			
	*A16	5,780,232	07/14/98	Arlinghaus			
	*A17	5,871,928	02/16/99	Fodor <i>et al.</i>			
	*A18	6,117,631	09/12/00	Nilsen			
	*A19	6,184,344	02/06/01	Kent <i>et al.</i>			
	*A20	6,203,989	03/20/01	Goldberg <i>et al.</i>			
	A21	6,270,976	05/04/00	Schmidt <i>et al.</i>	435	006	
	A22	6,287,780	08/11/00	Schmidt <i>et al.</i>	435	006	
	*A23	6,312,893	11/06/01	Van Ness <i>et al.</i>	435	6	
	*A24	6,312,904	11/06/01	Schmidt <i>et al.</i>	435	6	
	*A25	6,329,180	12/11/01	Garvin	435	91.2	
	*A26	6,344,335	02/05/02	Tausk <i>et al.</i>			
	*A27	6,562,567	05/13/03	Wold	435	6	
	A28	6,582,916	03/16/01	Schmidt <i>et al.</i>	435	006	
	*A29	6,613,508	09/02/03	Ness <i>et al.</i>	435	6	
	A30	6,613,511	12/29/99	Schmidt <i>et al.</i>	435	006	
	*A31	6,613,523	09/02/03	Fischer	435	6	
	*A32	6,629,040	09/30/03	Goodlett <i>et al.</i>	702	23	
	A33	6,649,354	05/03/00	Schmidt <i>et al.</i>	435	007.1	
	A34	6,699,668	11/15/01	Schmidt <i>et al.</i>	435	006	

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Date	Name	Translation Yes/No
	*A36	WO 89/007136	08/10/89	Whitehead Institute for Biomedical Research (PCT)	
	*A37	WO 98/028434	07/02/98	The Scripps Research Institute (PCT)	

	*A38	WO 900/02806	03/22/90	Whitehead Institute for Biomedical Research (PCT)	
	*A39	WO 970/11958	04/03/97	The Scripps Research Institute (PCT)	
	*A40	WO 98/031830	07/23/98	Brax Genomics Ltd.	
	A41	WO 98/048047	10/29/98	Brax Genomics Limited	
	A42	WO 99/002728	01/21/99	Brax Genomics Limited	
	*A43	WO 99/005319	02/04/99	Tabone et al.	
	A44	WO 99/013103	03/18/99	Brax Genomics Limited	
	A45	WO 99/014362	03/25/99	Brax Genomics Limited	
	A46	WO 99/032501	07/01/99	Brax Group Limited	
	A47	WO 00/002895	01/20/00	Brax Group Limited	
	A48	WO 00/002894	01/20/00	Brax Group Limited	
	A49	WO 00/002893	01/20/00	Brax Group Limited	
	*A50	WO 00/004036	01/27/00	Duke University (PCT)	
	*A51	WO 00/011208	03/02/00	University of Washington	
	*A52	GB 0006141.6	03/14/00	Brax Group Ltd.	
	A53	WO 00/020870	04/13/00	Brax Group Limited	
	*A54	WO 01/068664	9/20/01	Brax Group Limited (PCT)	
	A55	WO 02/014867	02/21/02	Agilix Corporation	
	A56	WO 02/090929	11/14/02	Perseptive Biosystems Inc.	
	A57	WO 02/099435	12/12/02	Xzillion GMBH & Co. KG (PCT)	
	A58	WO 02/099124	12/12/02	Xzillion GMBH & Co. KG (PCT)	
	*A59	WO 03/025576	03/27/03	Xzillion GMBH & Co. KG (PCT)	
	A60	WO 03/075006	09/12/03	Applera Corp	
	A61	WO 03/078452	09/25/03	Persptive Biosystems Inc.	
	A62	WO 03/104813	12/18/03	Xzillion GMBH & Co. KG	

NON-PATENT DOCUMENTS

Examiner's Initials	Cite No.	Non-PatAnt Citations (include Author, Title, Publisher, Relevant Pages, Date and Place of Publication)
	*A63	Alagon <i>et al.</i> Activation of polysacchirides with 2-iminothiolane and its uses. <i>Biochemistry</i> 19:4341-4345 (1980)
	*A64	Alonso <i>et al.</i> Lipid chain dynamics in stratum corneum studied by spin label electron paramagnetic resonance. <i>Chem. Phys. Lipids</i> 104:101-111 (2000)
	*A65	Andresen <i>et al.</i> Medium-chain acyl-CoA dehydrogenase (MCAD) mutations identified by MS/MS-based prospective screening of newborns differ from those observed in patients with clinical symptoms: identification and characterization of a new, prevalent mutation that results in mild MCAD deficiency. <i>Am. J. Hum. Genet.</i> 68:1408-1418 (2001)
	*A66	Annan <i>et al.</i> A multidimensional electrospray MS-based approach to phosphopeptide mapping. <i>Anal. Chem.</i> 73:393-404 (2001)
	*A67	Arora <i>et al.</i> Selectivity of lipid-protein interactions with trysinized Na, K-ATPase studied by spin-label ERP. <i>Biochim. Biophys. Acta.</i> 1371:163-167 (1998)
	A68	Bahr and Karas, Differentiation of 'Isobaric' Peptides and Human Milk Oligosaccharides by Exact Mass Measurements Using Electrospray Ionization Orthogonal Time-of-Flight Analysis, <i>Rapid Comm. in Mass Spectrom.</i> , 13:1052-1058 (1999).
	*A69	Banerji <i>et al.</i> A Lymphocyte-Specific Cellular Enhancer Is Located Downstream of the Joining Region in Immunoglobulin Heavy Chain Genes. <i>Cell</i> 33:729-740 (1983)

	A70	Beckedorf <i>et al.</i> Mapping and Sequencing of Cardiolipins from <i>Geobacillus Stearothermophilus</i> NRS 2004/3a by Positive and Negative Ion nanoESI-QTOF-MS and MS/MS, <i>J. Mass Spectrom.</i> 37:1086-1094 (2002)
	*A71	Berkner <i>et al.</i> Abundant Expression of Polyomavirus Middle T Antigen and Dihydrofolate Reductase in an Adenovirus Recombinant. <i>J. Virol.</i> 61:1213-1220 (1987)
	*A72	Birkenmeyer <i>et al.</i> DNA Probe Amplification Methods. <i>J. Virol. Meth.</i> 35:117-126 (1991)
	*A73	Black. Protein diversity from alternative splicing: a challenge for bioinformatics and post-genome biology. <i>Cell</i> 103:367-370 (2000)
	A74	Boismenu <i>et al.</i> Measurement of Sulfate Concentrations and Tracer/Tracee Ratios in Biological Fluids by Electrospray Tandem Mass Spectrometry, <i>Analytical Biochemistry</i> , 261:93-99 (1998).
	*A75	Bout <i>et al.</i> Lung Gene Therapy: <i>In Vivo</i> Adenovirus-Mediated Gene Transfer to Rhesus Monkey Airway Epithelium. <i>Hum. Gene Ther.</i> 5:3-10 (1994)
	*A76	Brdicka <i>et al.</i> Phosphoprotein associated with glycosphingolipid-enriched microdomains (PAG), a novel ubiquitously expressed transmembrane adaptor protein, binds the protein tyrosine kinase csk and is involved in regulation of T cell activation. <i>J. Exp. Med.</i> 191:1591-1604 (2000)
	*A77	Breslauer <i>et al.</i> Predicting DNA duplex stability from the base sequence. <i>Proc. Natl. Acad. Sci. USA</i> 83:3746-3750 (1986)
	*A78	Brizard <i>et al.</i> Immunoaffinity purification of FLAG epitope-tagged bacterial alkaline phosphatase using a novel monoclonal antibody and peptide elution. <i>Biotechnology</i> 16:730-735 (1994)
	*A79	Brown <i>et al.</i> Penetration of Host Cell Membranes by Adenovirus 2. <i>Journal of Virology</i> 12(2):386-396 (1973)
	A80	Butcher, et al., Real-Time Determination of Aromatics in Automobile Exhaust by Single-Photon Ionization Ion Trap Mass Spectrometry, <i>Anal. Chem.</i> 71:489-496 (1999).
	*A81	Caillaud <i>et al.</i> Adenoviral Vector as a Gene Delivery System into Cultured Rat Neuronal and Glial Cells. <i>Eur. J. Neurosci.</i> 5:1287-1291 (1993)
	*A82	Cantrell. Phosphoinositide 3-kinase signalling pathways. <i>J. Cell. Sci.</i> 114:1439-1445 (2001)
	A83	Cárdenas <i>et al.</i> On-Line Derivatization of Peptides for Improved Sequence Analysis by Micro-Column Liquid Chromatography Coupled with Electrospray Ionization-Tandem Mass Spectrometry, <i>Rapid Comm. in Mass Spectrom.</i> , 11:1271-1278 (1997).
	A84	Chakraborty and Regnier, Global Internal Standard Technology for Comparative Proteomics, <i>J. of Chromatography A</i> , 949:173-184 (2002).
	*A85	Chandrasegaran <i>et al.</i> Chimeric restriction enzymes: what is next? <i>Biol. Chem.</i> 380(7-8):841-848 (1999)
	*A86	Chardonnet <i>et al.</i> Early Events in the Interaction of Adenoviruses with HeLa Cells. <i>Virology</i> 40:462-477 (1970)
	*A87	Chatterjee <i>et al.</i> <i>In vivo</i> analysis of nuclear protein traffic in mammalian cells. <i>Exp. Cell. Res.</i> 236(1):346-350 (1997)
	*A88	Chong <i>et al.</i> Utilizing the C-terminal cleavage activity of a protein splicing element to purify recombinant proteins in a single chromatographic step. <i>Nucl. Acids. Res.</i> 26(22):5109-5115 (1998)
	*A89	Cianci <i>et al.</i> Brain and muscle express a unique alternative transcript of all spectrin. <i>Biochemistry</i> 38:15721-15730 (1999)
	*A90	Conrads <i>et al.</i> Utility of Accurate Mass Tags for Proteome-Wide Protein Identification <i>Anal. Chem.</i> 72:3349-3354 (2000)
	*A91	Cowie <i>et al.</i> Biosynthesis by <i>escherichia coli</i> of active altered proteins containing selenium instead of sulfur. <i>Biochimica. Et Biophysica Acta.</i> 26:252-261 (1957)
	A92	Croley and Lynn, Molecular Ion Stabilization for Enhanced Tandem Mass Spectrometry Through Derivatization for Alkylphenols, <i>Rapid Comm. in Mass Spectrom.</i> , 12:171-175 (1998).
	*A93	Davidson <i>et al.</i> Overproduction of Polyomavirus Middle T Antigen in Mammalian Cells through the Use of an Adenovirus Vector. <i>J. Virol.</i> 61:1226-1239 (1987)
	*A94	Dawson <i>et al.</i> Synthesis of Native Proteins by Chemical Ligation. <i>Ann. Rev. Biochem.</i> 69:923-960 (2000)
	*A95	Dawson <i>et al.</i> Synthesis of proteins by native chemical ligation. <i>Science</i> 266:776-779 (1994)

	*A96	DeGnore <i>et al.</i> Fragmentation of phosphopeptides in an ion trap mass spectrometer. <i>J. Am. Soc. Mass Spectrom.</i> 9:1175-1188 (1998)
	*A97	Dervan <i>et al.</i> Sequence-specific DNA recognition by polyamides. <i>Curr. Opin. Chem. Biol.</i> 3(6):688-693 (1999)
	*A98	Dhandayuthapani <i>et al.</i> Green fluorescent protein as a marker for gene expression and cell biology of mycobacterial interactions with macrophages. <i>Mol. Microbiol.</i> 17(5):901-912 (1995)
	*A99	Dikler <i>et al.</i> <i>J. Mass. Spectrom.</i> 32:1337-1349 (1997)
	*A100	Drysdale <i>et al.</i> Complex promoter and coding region β_2 -adrenergic receptor haplotypes alter receptor expression and predict <i>in vivo</i> responsiveness. <i>Proc. Natl. Acad. Sci. USA.</i> 97(19):10483-10488 (2000)
	*A101	Engvall <i>et al.</i> Enzyme-linked immunosorbent assay (ELISA). Quantitative assay of immunoglobulin G. <i>Immunochemistry</i> 8:871-874 (1971)
	A102	Fernandez-de-Crossio, <i>et al.</i> Automated Interpretation of Low-Energy Collision-Induced Dissociation Spectra by SeqMS, a Software Aid for <i>de novo</i> Sequencing by Tandem Mass Spectrometry, <i>Electrophoresis</i> , 21:1694-1699 (2000).
	*A103	Fields <i>et al.</i> A novel genetic system to detect protein-protein interactions. <i>Nature</i> 340:245-246 (1989)
	*A104	Fiers <i>et al.</i> Complete nucleotide sequence of SV40 DNA. <i>Nature</i> 273:113-129 (1978)
	A105	Figeys <i>et al.</i> Protein Identification by Capillary Zone Electrophoresis/Microelectrospray Ionization-Tandem Mass Spectrometry at the Subfemtomole Level, <i>Anal. Chem.</i> 68:1822-1828 (1996).
	*A106	Freier <i>et al.</i> Improved free-energy parameters for predictions of RNA duplex stability. <i>Proc. Natl. Acad. Sci. USA</i> 83:9373-9377 (1986)
	*A107	Gasparro <i>et al.</i> Site-Specific targeting of psoralen photoadducts with a triple helix-forming oligonucleotide: characterization of psoralen monoadduct and crosslink formation. <i>Nucl. Acids Res.</i> 22(14):2845-2852 (1994)
	*A108	Gee <i>et al.</i> Alternative splicing of protein 4.1R exon 16: ordered excision of flanking introns ensures proper splice site choice. <i>Blood</i> 95:692-699 (2000)
	*A109	Geysen <i>et al.</i> , "Isotope or Mass Encoding of Combinatorial Libraries" <i>Chemistry & Biology</i> , Vol. 3, No. 8, 679-688 (1996)
	*A110	Glatthar <i>et al.</i> A New Photocleavable Linker in Solid-Phase Chemistry for Ether Cleavage. <i>Org. Lett.</i> 2(15):2315-2317 (2000)
	*A111	Godi <i>et al.</i> ARF mediates recruitment of PtdIns-4-OH kinase-beta and stimulates synthesis of PtdIns(4,5)P2 on the Golgi complex. <i>Nat. Cell. Biol.</i> 1:280-287 (1999) (Abstract)
	*A112	Gomez-Foix <i>et al.</i> Adenovirus-mediated Transfer of the Muscle Glycogen Phosphorylase Gene into Hepatocytes Confers Altered Regulation of Glycogen Metabolism. <i>J. Biol. Chem.</i> 267(35):25129-25134 (1992)
	*A113	Greenaway <i>et al.</i> Human cytomegalovirus DNA: <i>Bam</i> HI, <i>Eco</i> RI and <i>Pst</i> I restriction endonuclease cleavage maps. <i>Gene</i> 18:355-360 (1982)
	*A114	Griffin <i>et al.</i> Quantitative proteomic analysis using a MALDI quadrupole time-of-flight mass spectrometer. <i>Anal. Chem.</i> 73:978-986 (2001)
	*A115	Groth <i>et al.</i> A phage integrase directs efficient site-specific integration in human cells. <i>Proc. Natl. Acad. Sci. USA</i> 97(11):5995-6000 (2000)
	*A116	Guillier <i>et al.</i> Linkers and Cleavage Strategies in Solid-Phase Organic Synthesis and Combinatorial Chemistry. <i>Chem. Rev.</i> 100:2091-2157 (2000)
	*A117	Guo <i>et al.</i> Direct Fluorescence Analysis of Genetic Polymorphisms by Hybridization with Oligonucleotide Arrays on Glass Supports. <i>Nucl. Acids Res.</i> 22(24):5456-5465 (1994)
	*A118	Guzman <i>et al.</i> Efficient Gene Transfer Into Myocardium by Direct Injection of Adenovirus Vectors. <i>Circul. Res.</i> 73:1202-1207 (1993)
	*A119	Gygi <i>et al.</i> Quantitative analysis of complex protein mixtures using isotope-coded affinity tags. <i>Nat. Biotechnol.</i> 17:994-999 (1999)
	*A120	Hackeng <i>et al.</i> Chemical synthesis and spontaneous folding of a multidomain protein: anticoagulant micropatent S. <i>Proc Natl. Sci. USA</i> 97(26):14074-14078 (2000)
	*A121	Hage <i>et al.</i> Chromatographic Immunoassays. <i>Anal. Chem.</i> 73(7):198A-205A (2001)

	*A122	Hage. Affinity chromatography: a review of clinical applications. <i>Clin. Chem.</i> 45(5):593-615 (1999)
	*A123	Haj-Ahmad <i>et al.</i> Development of a Helper-Independent Human Adenovirus Vector and Its Use in the Transfer of the Herpes Simplex Virus Thymidine Kinase Gene. <i>J. Virol.</i> 57(1):267-274 (1986)
	A124	Harrison <i>et al.</i> Negative Ion Electrospray and Tandem Mass Spectrometric Analysis of Platelet Activating Factor (PAC) (1-hexadecyl-2-acetyl-glycerophosphocholine), <i>J. Mass Spectrom.</i> 34:330-335 (1999).
	*A125	Harth-Fritschy <i>et al.</i> Esterification of 9-Fluorenylmethoxycarbonyl-glycosylated serine and cysteine derivatives with an hydroxymethyl resin. <i>Pet. Res.</i> 50:415 (1997)
	*A126	Hayes <i>et al.</i> Desorption-ionization mass spectrometry using deposited nanostructured silicon films. <i>Anal. Chem.</i> 73:1292-1295 (2001)
	*A127	Haynes <i>et al.</i> Proteome profiling-pitfalls and progress. <i>Yeast</i> 17(2):81-87 (2000)
	*A128	Hendrickson <i>et al.</i> High sensitivity multianalyte immunoassay using covalent DNA-labeled antibodies and polymerase chain reaction. <i>Nucl. Acids Res.</i> 23(3):522-529 (1995)
	*A129	Hendrickson <i>et al.</i> Selenomethionyl proteins produced for analysis by multiwavelength anomalous diffraction (MAD): a vehicle for direct determination of three-dimensional structure. <i>Embo. J.</i> 9(5):1665-1672 (1990)
	*A130	Hermanson. Bioconjugate techniques, Academic Press, Pp. 528-569 (1996)
	A131	Heydorn <i>et al.</i> The Isobaric Ions $\text{CH}_3\text{O-P=O}^{+}$ and $\text{CH}_3\text{O-P-NH}_2^{+}$ and Their Neutral Counterparts: A Tandem Mass Spectrometry and CBS-QB3 Computational Study, <i>Intl. J. of Mass Spectrom.</i> , 225:11-23 (2003).
	*A132	Hobbs <i>et al.</i> Development of a bicistronic vector driven by the human polypeptide chain elongation factor 1 α promoter for creation of stable mammalian cell lines that express very high levels of recombinant proteins. <i>Biochem. Biophys. Res. Commun.</i> 252:368-372 (1998)
	A133	Hogenboom <i>et al.</i> Accurate Mass Determinations for the Confirmation and Identification of Organic Microcontaminants in Surface Water Using On-line Solid-phase Extraction Liquid Chromatography Electrospray Orthogonal-Acceleration Time-of-Flight Mass Spectrometry, <i>Rapid Comm. in Mass Spectrom.</i> , 13:125-133 (1999).
	*A134	Hoheisel. Sequence-independent and linear variation of oligonucleotide DNA binding stabilities. <i>Nucl. Acid. Res.</i> 24(3):430-432 (1996)
	*A135	Hong <i>et al.</i> Development of two bacterial artificial chromosome shuttle vectors for a recombination-based cloning and regulated expression of large genes in mammalian cells. <i>Anal. Biochem.</i> 291:142-148 (2001)
	*A136	Hope <i>et al.</i> Production of large unilamellar vesicles by a rapid extrusion procedure. Characterization of size distribution, trapped volume and ability to maintain a membrane potential. <i>Biochimica et Biophysica Acta.</i> 812:55-65 (1985)
	*A137	Horn <i>et al.</i> An improved divergent synthesis of comb-type branched oligodeoxyribonucleotides (bDNA) containing multiple secondary sequences. <i>Nucl. Acids Res.</i> 23(25):4835-4841 (1997)
	*A138	Hou <i>et al.</i> Regulation of alternative pre-mRNA splicing during erythroid differentiation. <i>Curr. Opin. Hematol.</i> 8(2):74-79 (2001) (Abstract)
	A139	Hsu <i>et al.</i> Formation of Lithiated Adducts of Glycerophosphocholine Lipids Facilitates their Identification by Electrospray Ionization Tandem Mass Spectrometry, <i>J. Am. Soc. Mass Spectrom.</i> 9:516-526 (1998)
	*A140	Jamieson <i>et al.</i> In vitro selection of zinc fingers with altered DNA -binding specificity. <i>Biochemistry</i> 33(19):5689-5895 (1994)
	A141	Jie <i>et al.</i> Atmospheric Pressure Chemical Ionisation Normal Phase Liquid Chromatography mass Spectrometry and Tandem Mass Spectrometry of Chlorophyll α Allomers, <i>Rapid Comm. Mass Spectrom.</i> , 16:473-479 (2002).
	*A142	Johnstone <i>et al.</i> Immunocytochemistry In Practice (Blackwell Scientific Publications, Oxford, England, pp. 30-85 (1987)
	A143	Kayganich-Harrison and Murphy, "Characterization of Chain-Shortened Oxidized Glycerophosphocholine Lipids Using Fast Atom Bombardment and Tandem Mass Spectrometry, <i>Analytical Biochem.</i> 221:16-24 (1994)

	A144	Keough <i>et al.</i> Orthogonal Acceleration Single-Pass time-of-Flight Mass Spectrometry for Determination of the Exact Masses of Product Ions Formed in Tandem Mass Spectrometry Experiments, <i>Rapid Comm. in Mass Spectrom.</i> , 11:1702-1708 (1997).
	*A145	Kershner <i>et al.</i> Immunoaffinity purification and functional characterization of human transcription factor IIH and RNA polymerase II from clonal cell lines that conditionally express epitope-tagged subunits of the multiprotein complexes. <i>J. Biol. Chem.</i> 273:34444-34453 (1998)
	*A146	Khrapko <i>et al.</i> Hybridization of DNA with oligonucleotides immobilized in gel: a convenient method for recording single base replacements. <i>Mol. Biol. (Mosk)</i> 25(3):718-730 (1991)
	*A147	Kikumori <i>et al.</i> Promiscuity of pre-mRNA spliceosome-mediated <i>trans</i> splicing: a problem for gene therapy? <i>Hum. Gene. Ther.</i> 12:1429-1441 (2001)
	*A148	Kirshenbaum <i>et al.</i> Highly Efficient Gene Transfer into Adult Ventricular Myocytes by Recombinant Adenovirus. <i>J. Clin. Invest.</i> 92:381-387 (1993)
	*A149	Kornberg <i>et al.</i> Inside-outside transitions of phospholipids in vesicle membranes. <i>Biochemistry</i> 10(7):1111-1120 (1971)
	*A150	Kornberg <i>et al.</i> Lateral diffusion of phospholipids in a vesicle membrane. <i>Proc. Natl. Acad. Sci. USA</i> 68(10):2564-2568 (1971)
	*A151	Kremer <i>et al.</i> Green fluorescent protein as a new expression marker in mycobacteria. <i>Mol. Microbiol.</i> 17(5):913-922 (1995)
	*A152	Krull <i>et al.</i> Labeling reactions applicable to chromatography and electrophoresis of minute amounts of proteins. <i>J. Chromatogr. B. Biomed. Sci. Appl.</i> 699:173-208 (1997)
	*A153	Krull <i>et al.</i> Specific applications of capillary electrochromatography to biopolymers, including proteins, nucleic acids, peptide mapping, antibodies, and so forth. <i>J. Chromatogr. A.</i> 887:137-163 (2000)
	*A154	Krutchinsky <i>et al.</i> Rapid, Automatic Identification of proteins utilizing a novel MALDI-Ion Trap mass Spectrometer, <i>Abstract of the 49th ASMS Conference on Mass Spectrometry and Allied Topics</i> (May 27-31, 2001)
	*A155	Krutchinsky <i>et al.</i> Rapidly Switchable Matrix-Assisted Laser Desorption/Ionization and Electrospray Quadrupole-Time-of-Flight Mass Spectrometry for Protein Identification. <i>J. AM. Soc. Mass Spectrom.</i> 11(6):493-504 (2000)
	*A156	Kunkel <i>et al.</i> Inducible isopentenyl tranferase as a high-efficiency marker for plant transformation. <i>Nat. Biotech.</i> 17:916-919 (1999)
	*A157	La Salle <i>et al.</i> An Adenovirus Vector for Gene Transfer into Neurons and Glia in the Brain. <i>Science</i> 259:988-990 (1993)
	A158	Lai <i>et al.</i> Analysis of a Commercial Preparation of Erythromycin Estolates by Tandem Mass Spectrometry and High Performance Liquid Chromatography/Electrospray Ionization Tandem Mass Spectrometry Using an Ion Trap mass Spectrometer, <i>Rapid Comm. in Mass Spectrom.</i> , 14:458-475 (2000).
	*A159	Laimins <i>et al.</i> Osmotic control of kdp operon expression in Escherichia coli. <i>Proc. Natl. Acad. Sci. USA</i> 78:464-468 (1981)
	*A160	Landergren. Molecular Mechanics of Nucleic Acids Sequence Amplification. <i>Trends Genet.</i> 9(6):199-202 (1993)
	A161	Leverly <i>et al.</i> Comparative Analysis of Ceramide Structural Modification Found in Fungal Cerebrosides by Electrospray Tandem Mass Spectrometry with Low Energy Collision-Induced Dissociation of Li ⁺ Adduct Ions, <i>Rapid Comm. in Mass Spectrom.</i> 14:551-563 (2000).
	*A162	Lipshutz <i>et al.</i> High density synthetic olinucleotide arrays. <i>Nat. Genetic.</i> 21(1 Suppl):20-24 (1999)
	*A163	Loboda <i>et al.</i> Atandemquadrupole/time-of-flight mass spectrometer (QqTOF) with a MALDI source: design and performance. <i>Rapid Comm. Mass Spectrom.</i> 14(12):1047-1057 (2000)
	*A164	Lusky <i>et al.</i> Bovine Papilloma Virus Contains an Activator of Gene Expression at the Distal End of the Early Transcription Unit. <i>Mol. Cell. Biol.</i> 3(6):1108-1122 (1983)
	*A165	MacDonald <i>et al.</i> Small-volume extrusion apparatus for preparation of large, unilamellar vesicles. <i>Biochimica et Biophysica Acta</i> 1061:297-303 (1991)
	*A166	Maier <i>et al.</i> Application of robotic technology to automated sequence fingerprint analysis by oligonucleotide hybridisation. <i>J. Biotechnol.</i> 35(2-3):191-203 (1994)

	*A167	Maiolini <i>et al.</i> A sandwich method for enzyme immunoassay. I. Application to rat and human alpha-fetoprotein. <i>J. Immuno. Meth.</i> 8:223-234 (1975)
	*A168	Malik <i>et al.</i> Effects of a second intron on recombinant MFG retroviral vector. <i>Arch. Virol.</i> 146:601-609 (2001)
	*A169	Mankertz <i>et al.</i> Expression from the human occludin promoter is affected by tumor necrosis factor α and interferon γ . <i>J. Cell. Sci.</i> 113:2085-2090 (2000)
	*A170	March <i>et al.</i> A simplified method for cyanogen bromide activation of agarose for affinity chromatography. <i>Anal. Biochem.</i> 60:149-152 (1974)
	*A171	Marriot <i>et al.</i> Synthesis and applications of heterobifunctional photocleavable cross-linking reagents. <i>Meth. Enzymol.</i> 291:155-175 (1998)
	*A172	Massie <i>et al.</i> Construction of a Helper-Free Recombinant Adenovirus That Expresses Polyomavirus Large T Antigen. <i>Mol. Cell. Biol.</i> 6(8):2872-2883 (1986)
	*A173	Matsumoto <i>et al.</i> Suppression of STAT5 functions in liver, mammary glands, and T cells in cytokine-inducible SH2-containing protein 1 transgenic mice. <i>Mol. Cell. Biol.</i> 19(9):6396-6407 (1999)
	*A174	Metzer <i>et al.</i> , "Electrospray Mass Spectrometry and Tandem Mass Spectrometry of Synthetic Multicomponent Peptide Mixtures: Determination of Composition and Purity," <i>Analytical Biochemistry</i> , Vol. 219, 219-277 (1994)
	*A175	Morsy <i>et al.</i> Efficient Adenoviral-mediated Ornithine Transcarbamylase Expression in Deficient Mouse and Human Hepatocytes. <i>J. Clin. Invest.</i> 92:1580-1586 (1993)
	*A176	Moullier <i>et al.</i> Correction of lysosomal storage in the liver and spleen of MPS VII mice by implantation of genetically modified skin fibroblasts. <i>Nat. Genet.</i> 4:154-159 (1993)
	*A177	Mulligan <i>et al.</i> Expression of a Bacterial Gene in Mammalian Cells. <i>Science</i> 209:1422-1427 (1980)
	*A178	Mulligan. The Basic Science of Gene Therapy. <i>Science</i> 260:926-932 (1993)
	A179	Nakamura <i>et al.</i> Analysis of Epoxyeicosatrienoic and Monohydroxyeicosatetraenoic Acids Esterified to Phospholipids in Human Red Blood Cells by Electrospray Tandem Mass Spectrometry, <i>J. of Mass Spectrom.</i> , 32:888-896 (1997).
	A180	Nakamura <i>et al.</i> Occurrence of Oxidized Metabolites of Arachidonic Acid Esterified to Phospholipids in Murine Lung Tissue, <i>Analytical Biochem.</i> , 262:23-32 (1998).
	*A181	Nardelli <i>et al.</i> Zinc finger-DNA recognition: analysis of base specificity by site-directed mutagenesis. <i>Nucl. Acids Res.</i> 20(16):4137-4144 (1992)
	*A182	Nawrocki <i>et al.</i> , "Analysis of Combinatorial Libraries Using Electrospray Fourier Transform Ion Cyclotron Resonance Mass Spectrometry," <i>Rapid Communications in Mass Spectrometry</i> , Vol. 10, 1860-1864 (1996)
	A183	Nemeth-Cawley, <i>et al.</i> Analysis of Sulfated Peptides Using Positive Electrospray Ionization Tandem Mass Spectrometry, <i>J. Mass Spectrom.</i> , 36:1301-1311 (2001).
	*A184	Nguyen <i>et al.</i> Modification of DNA duplexed to smooth their thermal stability independently of their base content for DNA sequencing by hybridization. <i>Nucl. Acid. Res.</i> 25(15):3059-3065 (1997)
	*A185	Nguyen <i>et al.</i> Smoothing of the thermal stability of DNA duplexes by using modified nucleosides and chaotropic agents. <i>Nucl. Acids Res.</i> 27(6):1492-1498 (1999)
	*A186	Niemeyer <i>et al.</i> Oligonucleotide-directed self-assembly of proteins: semisynthetic DNA-streptavidin hybrid molecules as connectors for the generation of macroscopic arrays and the construction of supramolecular bioconjugates. <i>Nucl. Acids. Res.</i> 22(25):5530-5539 (1994)
	*A187	Nikolaiev <i>et al.</i> "Peptide-Encoding for Structure Determination of Nonsequenceable Polymers within Libraries Synthesized and Tested on Solid-Phase Supports," <i>Peptide Research</i> , Vol. 6, No. 3, 161-170 (1993)
	*A188	Nizectic <i>et al.</i> Construction, arraying, and high-density screening of large insert libraries of human chromosomes X and 21: their potential use as reference libraries. <i>Proc. Natl. Sci. USA</i> 88:3233-3237 (1991)
	*A189	Oda <i>et al.</i> Accurate quantitation of protein expression and site-specific phosphorylation. <i>Proc. Natl. Acad. Sci. USA</i> 96:6591-6596 (1999)

	*A190	Oda <i>et al.</i> . Enrichment analysis of phosphorylated proteins as a tool for probing the phosphoproteome. <i>Nat. Biotech.</i> 19:379-382 (2001)
	*A191	Oikawa <i>et al.</i> Metalloselenonein, the selenium analogue of metallothionein: synthesis and characterization of its complex with copper ions. <i>Proc. Natl. Acad. Sci. USA</i> 88:3057-3059 (1991)
	*A192	Olejnik <i>et al.</i> Photocleavable biotin phosphoramidite for 5' -end-labelling, affinity purification and phosphorylation of synthetic oligonucleotides <i>Nucleic Acids Research, Oxford University Press, Surrey, GB</i> 24(2):361-366 (1996), XP002084583
	*A193	Olejnik <i>et al.</i> Photocleavable peptide-DNA conjugates: synthesis and applications to DNA analysis using MALDI-MS. <i>Nucl. Acids Res.</i> 27(23):4626-4631 (1999)
	*A194	Orentas <i>et al.</i> Detection of Epstein-Barr virus EBER sequence in post-transplant lymphoma patients with DNA dendrimers. <i>J. Virol. Meth.</i> 77:153-163 (1999)
	*A195	Osborne <i>et al.</i> . Transcription Control Region Within the Protein-Coding Portion of Adenovirus E1A Genes. <i>Mol. Cell Biol.</i> 4(7):1293-1305 (1984)
	A196	Palmer, <i>et al.</i> Separation of Nicotine Metabolites by Capillary Zone Electrophoresis and Capillary Zone Electrophoresis/Mass Spectrometry, <i>Rapid Comm. Mass Spectrom.</i> 15:224-231 (2001).
	*A197	Patterson <i>et al.</i> Quantitative imaging of TATA-binding protein in living yeast cells. <i>Yeast</i> 14:813-825 (1998)
	*A198	Patton. Making Blind Robots See: The Synergy Between Fluorescent Dyes and Imaging Devices in Automated Proteomics. <i>Biotech.</i> 28(5):944-957 (2000)
	*A199	Payraastre <i>et al.</i> Phosphoinositides: key players in cell signalling, in time and space. <i>Cell Signal</i> 13:377-387 (2001)
	*A200	Pease <i>et al.</i> Light-generated oligonucleotide arrays for rapid DNA sequence analysis. <i>Proc. Natl. Acad. Sci USA</i> 91:5022-5026 (1994)
	*A201	Qin <i>et al.</i> . Identification and characterization of posttranslational modifications of proteins by MALDI ion trap mass spectrometry. <i>Anal. Chem.</i> 69:4002-4009 (1997)
	*A202	Ragot <i>et al.</i> Replication-defective recombinant adenovirus expressing the Epstein-Barr virus (EBV) envelope glycoprotein gp340/220 induces protective immunity against EBV-induced lymphomas in the cottontop tamarin. <i>J. Gen. Virol.</i> 74:501-507 (1993)
	*A203	Ram <i>et al.</i> <i>In Situ</i> Retroviral-mediated Gene Transfer for the Treatment of Brain Tumors in Rats. <i>Cancer Res.</i> 53:83-88 (1993)
	*A204	Ramsay. DNA chips: State-of-the art. <i>Nat. Biotechnol.</i> 16(1):40-44 (1998)
	*A205	Reilander <i>et al.</i> Functional expression of the <i>Aequorea victoria</i> green fluorescent protein in insect cells using the baculovirus expression system. <i>Biochem. Biophys. Res. Commun.</i> 219:14-20 (1996)
	*A206	Rich <i>et al.</i> Development and Analysis of Recombinant Adenoviruses for Gene Therapy of Cystic Fibrosis. <i>Hum. Gene Ther.</i> 4:461-476 (1993)
	*A207	Roessler <i>et al.</i> Adenoviral-mediated Gene Transfer to Rabbit Synovium In Vivo. <i>J. Clin. Invest.</i> 92:1085-1092 (1993)
	*A208	Rong <i>et al.</i> A Targeted Gene Knockout in <i>Drosophila</i> . <i>Genetics</i> 157:1307-1312 (2001)
	A209	Rosell-Mel�, <i>et al.</i> , Liquid Chromatography/Tandem Mass Spectrometry of Free Base Alkyl Porphyrins for the Characterization of the Macrocyclic Substituents in Components of Complex Mixtures, <i>Rapid Comm. in Mass Spectrom.</i> , 13:568-573 (1999).
	A210	Roussis, Automated Tandem Mass Spectrometry by Orthogonal Acceleration TOF Data Acquisition and Simultaneous Magnet Scanning for the Characterization of Petroleum Mixtures, <i>Anal. Chem.</i> , 73:3611-3623 (2001).
	*A211	Sano <i>et al.</i> Immuno-PCR: Very Sensitive Antigen Detection by Means of Specific Antibody-DNA Conjugates. <i>Science</i> 258:120-122 (1992)
	*A212	Santa Lucia <i>et al.</i> Improved Nearest-Neighbor Parameters for Predicting DNA Duplex Stability. <i>Biochemistry</i> . 35:3555-3562 (1996)
	*A213	Sawin <i>et al.</i> Identification of fission yeast nuclear markers using random polypeptide fusion with green fluorescent protein. <i>Proc. Natl. Acad. Sci. USA</i> 94:15146-15151 (1996)

	*A214	Scheffold <i>et al.</i> High-sensitivity immunofluorescence for detection of the pro- and anti-inflammatory cytokines gamma interferon and interleukin-10 on the surface of cytokine-secreting cells. <i>Nat. Med.</i> 6(1):107-110 (2000)
	*A215	Schena <i>et al.</i> Parallel human genome analysis: microarray-based expression monitoring of 1000 genes. <i>Proc. Natl. Acad. Sci. USA</i> 93:10614-10619 (1996)
	*A216	Seth <i>et al.</i> Evidence that the Penton Base of Adenovirus Is Involved in Potentiation of Toxicity of <i>Pseudomonas</i> Exotoxin Conjugated to Epidermal Growth Factor. <i>Mol. Cell. Biol.</i> 4(8):1528-1533 (1984)
	*A217	Seth <i>et al.</i> Role of a Low-pH Environment in Adenovirus Enhancement of the Toxicity of a <i>Pseudomonas</i> Exotoxin-Epidermal Growth Factor Conjugate. <i>J. Virol.</i> 51(3):650-655 (1984)
	A218	Seymour and Turecek, Distinction and Quantitation of Leucine-Isoleucine Isomers and Lysine-Glutamine Isobars by Electrospray Ionization Tandem Mass Spectrometry (MS^n , $n = 2, 3$) of copper(II)-Diimine Complexes, <i>J. Mass Spectrom.</i> 35:566-571 (2000).
	*A219	Shalon <i>et al.</i> A DNA microarray system for analyzing complex DNA samples using two-color fluorescent probe hybridization. <i>Genome. Res.</i> 6:639-645 (1996)
	*A220	Shchepinov <i>et al.</i> Oligonucleotide dendrimers: synthesis and use as polylabelled DNA probes. <i>Nucl. Acids Res.</i> 25(22):4447-4454 (1997)
	*A221	Shevchenko <i>et al.</i> MALDI Quadrupole Time-of-Flight Mass Spectrometry: A Powerful Tool for Proteomic Research. <i>Anal. Chem.</i> 72:2132-2142 (2000)
	*A222	Shevchenko <i>et al.</i> Rapid 'de novo' peptide sequencing by a combination of nanoelectrospray, isotopic labeling and a quadrupole/time-of-flight mass spectrometer. <i>Rapid Commun. Mass Spectrom.</i> 11(9):1015-1024 (1997)
	*A223	Singh-Gasson <i>et al.</i> Maskless fabrication of light-directed oligonucleotide microarrays using a micromirror array. <i>Nat. Biotechnol.</i> 17:974-978 (1999)
	*A224	Smith <i>et al.</i> A detailed study of the substrate specificity of a chimeric restriction enzyme. <i>Nucl. Acids Res.</i> 27(2):674-681 (1999)
	*A225	Smith <i>et al.</i> Identification of Hydrogen Peroxide Oxidation Sites of α A- and α B-Crystallins. <i>Free Rad. Res.</i> 26:103-111 (1997)
	*A226	Southern <i>et al.</i> Analyzing and comparing nucleic acid sequences by hybridization to arrays of oligonucleotides: evaluation using experimental models. <i>Genomics</i> 13:1008-1017 (1992)
	*A227	Southern <i>et al.</i> Transformation of Mammalian Cells to Antibiotic Resistance with a Bacterial Gene Under Control of the SV40 Early Region Promoter. <i>Molec. Appl. Genet.</i> 1:327 (1982)
	*A228	Stimpson <i>et al.</i> Real-Time Detection of DNA Hybridization and Melting on Oligonucleotide Arrays by using Optical Wave Guides. <i>Proc. Natl. Acad. Sci. USA</i> 92:6379-6383 (1995)
	*A229	Sudgen <i>et al.</i> A Vector That Replicates as a Plasmid and Can Be Efficiently Selected in B-Lymphoblasts Transformed by Epstein-Barr Virus. <i>Mol. Cell. Biol.</i> 5(2):410-413 (1985)
	*A230	Svensson. Role of Vesicles During Adenovirus 2 Internalization into HeLa Cells. <i>J. Virol</i> 55(2):442-449 (1985)
	*A231	Syvanen <i>et al.</i> Fast Qualification of nucleic acid hybrids by affinity-based hybrid collection. <i>Nucl. Acids Res.</i> 14(12):5037-5049 (1986)
	A231	Taylor and Johnson, Implementation and Uses of Automated de Novo Peptide Sequencing by Tandem Mass Spectrometry, <i>Anal. Chem.</i> , 73:2594-2604 (2001).
	*A232	Templeton <i>et al.</i> Efficient gene targeting in mouse embryonic stem cells. <i>Gene Ther.</i> 4(7):700-709 (1997) (Abstract)
	*A233	Thompson <i>et al.</i> Tandem Mass Tags: A Novel Quantification Strategy for Comparative Analysis of Complex Protein Mixtures by MS/MS. <i>Anal. Chem.</i> 75: 1895-1904 (2003).
	A234	Tuominen <i>et al.</i> Separation of Cyclosporins by High-Performance Liquid Chromatography and Mass Spectrometric Study of Cyclosporin Metabolites, <i>Rapid Comm. in Mass Spectrom.</i> , 12:1085-1091 (1998).
	*A235	Uetz <i>et al.</i> A comprehensive analysis of protein-protein interactions in <i>Saccharomyces cerevisiae</i> . <i>Nature</i> 403:623-627 (2000)
	*A236	Urdea. Branched DNA Signal Amplification. <i>Biotechnology</i> 12:926-928 (1994)
	*A237	Uto <i>et al.</i> Determination of urinary Tamm-Horsfall protein by ELISA using a maleimide method for enzyme-antibody conjugation. <i>J. Immunol. Meth.</i> 138:87-94 (1991)

	*A238	Van Crielinge <i>et al.</i> . Yeast two-hybrid: state of the art. <i>Biol. Proc. Online</i> 2(1) (1999)
	*A239	Van Oss <i>et al.</i> Mechanism of DNA (Southern) and protein (Western) blotting on cellulose nitrate and other membranes. <i>J. Chromatogr.</i> 391:53-65 (1987)
	*A240	Varga <i>et al.</i> . Infectious Entry Pathway of Adenovirus Type 2. <i>J. Virol.</i> 65(11):6061-6070 (1991)
	*A241	Vasiliskov <i>et al.</i> Fabrication of microarray of gel-immobilized compounds on a chip by copolymerization. <i>Biotechniques</i> 27(3):592-594,596-598, 600 (1999)
	*A242	Vergunst <i>et al.</i> Site-specific integration of <i>Agrobacterium</i> T-DNA in <i>Arabidopsis thaliana</i> mediated by Cre recombinase. <i>Nucl. Acids. Res.</i> 26(11):2729-2734 (1998)
	*A243	Virts <i>et al.</i> The role of intron sequences in high level expression from CD45 cDNA constructs. <i>J. Biol. Chem.</i> 276(23):19913-19920 (2001)
	A244	Viseux <i>et al.</i> Structural Assignment of Permethylated Oligosaccharide Subunits Using Sequential Tandem Mass Spectrometry, <i>Anal. Chem.</i> 70:4951-4959 (1998).
	A245	Weiskopf <i>et al.</i> Characterization of Oligosaccharide Composition and Structure by Quadrupole Ion Trap Mass Spectrometry, <i>Rapid Comm. in Mass Spectrom.</i> 11:1493-1504 (1997).
	*A246	Wemmer <i>et al.</i> Targeting the minor groove of DNA.. <i>Curr Opin. Struct Biol.</i> 7:355-361 (1997)
	*A247	Wentworth, Jr. and Janda, "Generating and Analyzing Combinatorial Chemistry Libraries," <i>Analytical Biotechnology</i> , 109-115
	*A248	White <i>et al.</i> Real-time analysis of the transcriptional regulation of HIV and hCMV promoters in single mammalian cells. <i>J. Cell. Sci.</i> 108:441-455 (1995)
	*A249	Wickham <i>et al.</i> Integrins $\alpha_v\beta_3$ and $\alpha_v\beta_5$ Promote Adenovirus Internalization but Not Virus Attachment. <i>Cell</i> 73:309-319 (1993)
	*A250	Wilkinson. Cell-Free And Happy: In Vitro Translation And Transcription/Translation Systems. <i>The Scientist</i> 13(3):15 (June 1999)
	A251	Williams <i>et al.</i> Ratiometric Analysis of the Ferrocene Boronate Esters of 2- and 4-Hydroxyestradiol by Tandem Electrospray Mass Spectrometry, <i>Rapid Comm. Mass Spectrom.</i> 15:182-186 (2001).
	*A252	Winger and Campana, "Characterization of Combinatorial Peptide Libraries by Electrospray Ionization Fourier Transform Mass Spectrometry," <i>Rapid Communications in Mass Spectrometry</i> , Vol. 10, 1811-1813 (1996)
	*A253	Wolff <i>et al.</i> Direct Gene Transfer into Mouse Muscle in Vivo. <i>Science</i> 247:1465-1468 (1990)
	*A254	Wolff <i>et al.</i> Human dystrophin expression in mdx mice after intramuscular injection of DNA constructs. <i>Nature</i> 352:815-818 (1991)
	*A255	Wood <i>et al.</i> Base composition-independent hybridization in tetramethylammonium chloride: A method for oligonucleotide screening of highly complex gene libraries. <i>Proc. Natl. Acad. Sci. USA</i> 82:1585-1588 (1985)
	*A256	Wu <i>et al.</i> Establishment of stable cell lines expressing potentially toxic proteins by tetracycline-regulated and epitope-tagging methods. <i>Biotechniques</i> 21(4):718-725 (1996)
	*A257	Yershov <i>et al.</i> DNA analysis and diagnostics on oligonucleotide microchips. <i>Proc. Natl. Acad. Sci. USA</i> 93:4913-4918 (1996)
	*A258	Zabner <i>et al.</i> Adenovirus-Mediated Gene Transfer Transiently Corrects the Chloride Transport Defect in Nasal Epithelia of Patients with Cystic Fibrosis. <i>Cell</i> 75:207-216 (1993)
	*A259	Zhang <i>et al.</i> Generation and identification of recombinant adenovirus by liposome-mediated transfection and PCR analysis. <i>BioTechniques</i> 15(5):868-872 (1993)
	*A260	Zhou <i>et al.</i> A systematic approach to the problem of protein phosphorylation. <i>Nat. Biotech.</i> 19:375-378 (2001)
	*A261	Zschocke <i>et al.</i> Molecular and functional characterization of mild MCAD deficiency. <i>Hum. Genet.</i> 108:404-408 (2001)

Examiner Signature:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.